

## ABSTRACT

In a hydraulic system for an automatic transmission, a method for  
5 automatically draining fluid from an oil cooler and related hydraulic lines when power  
is off to prevent fluid leakage, escape and outflow when they are disconnected from  
the system. A control system includes a source of relatively high pressure when power  
is on, an oil cooler, fluid circuit lines for supplying transmission oil to the cooler, a  
source of low pressure for containing fluid, such as an oil sump, and a valve  
10 hydraulically connected to the circuit, high pressure source, and low pressure source,  
the valve having a first state at which a hydraulic connection through the valve  
between the circuit and the source of low pressure is closed when power is on, and a  
second state at which a hydraulic connection through the valve between the circuit and  
the low pressure source is open when power is off.

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